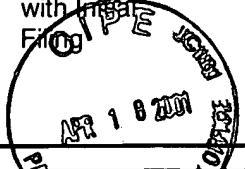


**DECLARATION FOR  
UTILITY OR DESIGN  
PATENT APPLICATION**

2664

Declaration Submitted OR  
with Initial Filing  Declaration submitted after Initial Filing



Attorney Docket Number

113611

First Named Inventor

Leonard Joseph Cimini Jr.

**COMPLETE IF KNOWN**

Application Number

09/311562

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Filing Date

05/14/1999

MAY 09 2001

Group Art Unit

Technology Center 2600

Examiner Name

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor(if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Method For Estimating Time And Frequency In An OFDM System

(Title of Invention)

the specification of which

is attached hereto

OR

was filed on 05/14/1999 as United States Application Number or PCT International

Application Number 09/311562

and was amended on

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of an application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) below.

Application Number(s)	Filing Date( MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

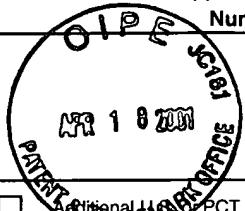
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MAY - 8 2001  
OJPE/JCWS

Attorney Docket Number: 113611

# DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
		RECEIVED MAY 09 2001

Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number

Place Customer Number Bar  
Code Label here

OR

Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
CANAVAN, Robert T.	37592	CONOVER, Michele L.	34962
DELACRUZ, Cedric G	36498	DWORETSKY, Samuel H.	27873
GARG, Rohini K	45272	GORRIE, Gregory J.	36530
ISAACSON, Thomas M.	44166	LEE, Benjamin S.	42787
LEVY, Robert B.	28234	MCGAHAN, Susan E.	35948

I also appoint the following additional registered practitioner(s) named on the Registered Practitioner Information (Supplemental Sheet) (PTO/SB/02C modified by AT&T Corp.) attached hereto with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Direct all Correspondence to:

Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

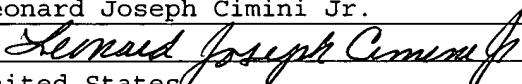
or  Correspondence address below

NAME	Samuel H. Dworetzky			
ADDRESS	AT&T CORP. P.O. Box 4110			
CITY	Middletown	STATE	New Jersey	ZIP CODE
COUNTRY	United States of America			FAX 732-368-6932

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor

A petition has been filed for this unsigned inventor

Name	Leonard Joseph Cimini Jr.	
Signature		
Citizenship	United States	
Address (line 1)	11 Appletree Road	
Address (line 2)	Howell	
Address (line 3)	Monmouth County	
Address (line 4)	New Jersey	
Address (line 5)	USA	
Zip Code	07731	

Additional Inventors are being named on the 1 separately numbered sheets attached hereto

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

Attorney Docket Number: 113611

**DECLARATION****ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page \_\_\_\_\_ of \_\_\_\_\_

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Name: Bruce Edwin McNair

Signature:

Date: 15 Mar 2001

Citizenship: United States

Address (line 1): 1 Iron Hill Drive

Address (line 2): Holmdel

Address (line 3): Monmouth County

Address (line 4): New Jersey

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Address (line 5): USA

MAY 09 2001

Zip Code: 07733

Technology Center 2600

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Name:

Signature:

Date:

Citizenship:

Address (line 1):

Address (line 2):

Address (line 3):

Address (line 4):

Address (line 5):

Zip Code:

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Name:

Signature:

Date:

Citizenship:

Address (line 1):

Address (line 2):

Address (line 3):

Address (line 4):

Address (line 5):

Zip Code:

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Name:

Signature:

Date:

Citizenship:

Address (line 1):

Address (line 2):

Address (line 3):

Address (line 4):

Address (line 5):

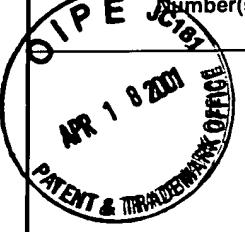
Zip Code:

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Attorney Docket Number: 113611

# DECLARATION -- Supplemental Priority Data Sheet

**Additional Foreign Applications:**

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
		09 2001 Technology Center 2600	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> YES <input type="checkbox"/> NO

**Additional Provisional applications:**

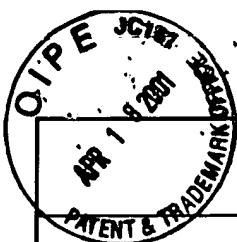
Application Number(s)	Filing Date( MM/DD/YYYY)

**Additional U.S. applications:**

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

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Attorney Docket Number: 113611



DECLARATION		Registered Practitioner Information (Supplemental Sheet)	
Name	Registration Number	Name	Registration Number
MONKA, Gary H. RESTAINO, Thomas A. SZWERC, Christine	35290 33444 43177	NAVON, Jeffrey M STEINMETZ, Alfred G.	32711 22971

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